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EDG 500

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SPSS Chapter 10

Correlations

		SAT Verbal Scores	Freshman GPA
SAT Verbal Scores	Pearson Correlation	1	.831[**]
	Sig. (2–tailed)		<.001
	N	12	12
Freshman GPA	Pearson Correlation	.831[**]	1
	Sig. (2–tailed)	<.001	
	N	12	12

[**]. Correlation is significant at the 0.01 level (2–tailed).

Nonparametric Correlations

Correlations

			SAT Verbal Scores	Freshman GPA
Spearman's rho	SAT Verbal Scores	Correlation Coefficient	1.000	.825[**]
		Sig. (2–tailed)	.	<.001
		N	12	12
	Freshman GPA	Correlation Coefficient	.825[**]	1.000
		Sig. (2–tailed)	<.001	.
		N	12	12

[**]. Correlation is significant at the 0.01 level (2–tailed).

Exercise for chapter 10

Correlations

		Words Typed per Minute	Success on the Job
Words Typed per Minute	Pearson Correlation	1	.749[**]
	Sig. (2–tailed)		<.001
	N	20	20
Success on the Job	Pearson Correlation	.749[**]	1
	Sig. (2–tailed)	<.001	
	N	20	20

[**]. Correlation is significant at the 0.01 level (2–tailed).

Correlations

			Words Typed per Minute	Success on the Job
Spearman's rho	Words Typed per Minute	Correlation Coefficient	1.000	.659**
		Sig. (2–tailed)	.	.002
		N	20	20
	Success on the Job	Correlation Coefficient	.659**	1.000
		Sig. (2–tailed)	.002	.
		N	20	20

**. Correlation is significant at the 0.01 level (2–tailed).

a. The value of Pearson *r?* The value is .74.

b. What is the value of Spearman's *rho?* The value is .66.

c. Write a sentence that presents the Pearson *r* for the relationship between words typed and success:

The relationship between words typed and success is direct and strong (Pearson *r* = .74)

The value of the Pearson *r* is 1.00, which indicates a *perfect, direct relationship.*